

**Narrative Criteria for Chinook Salmon on the  
Sacramento and San Joaquin Rivers**

Water quality conditions shall be maintained, together with other measures in the watershed, sufficient to achieve a doubling of production of chinook salmon, consistent with the mandates of State and Federal law.

**Implementation Measures - San Joaquin River System**

1. Not later than three years following adoption of this Plan, the SWRCB shall assign responsibility for the following flows, together with other measures in the watershed sufficient to meet the narrative criteria, in the San Joaquin River at Vernalis among the water right holders in the watershed. During this three-year period, the Bureau of Reclamation shall provide these flows, in accordance with the biological opinion for Delta smelt. These flows are interim flows and will be reevaluated as to timing and magnitude (up or down) within the next 3 years.

<u>Feb-June Flows (cfs)*</u>	<u>April-May pulse flows (cfs)*</u>
C 710-1140	3110-3540
D 1420-2280	4020-4880
BN 1420-2280	4620-5480
AN 2130-3420	5730-7020
W 2130-3420	7330-8620

\*higher flows provided when the 2 ppt isohaline (x2) is west of Chipps Island.

2. Install a barrier at the head of Old River during the April-May pulse flows.

3. During the 3-year period, decisions by the Federal Energy Regulatory Commission (FERC) or other regulatory orders may increase the contribution from other upstream water users into the Estuary. These additional flows will benefit the Delta resources. These flows will be recognized by ClubFED in its calculation of flows available to the Delta and be considered by the SWRCB in its assignment of responsibility among the water rights holders in the watershed during its water rights proceeding.

The SWRCB will initiate a water rights proceeding to assign responsibility for meeting these flow requirements. Actions of the NMFS and FWS in the FERC proceedings will be in furtherance of their authority and responsibility under the ESA. Such actions shall not be intended to assume the responsibility of the SWRCB to assign responsibility for meeting water quality standards in the Delta.

**Sacramento River System - Additional Measures**

Close the Delta Cross Channel gates from February-May 20, and during half of the period from May 20-June 15.